

What is Claimed is:

1. A stroller frame structure, comprising at least:

a front wheel rack coupling with front wheels of a stroller;

5 a rear wheel rack coupling with rear wheels of the stroller and also pivotally coupling with a first linkage assembly and a coupling dock between two ends thereof, the first linkage assembly having a free end pivotally coupling with the front wheel rack so that the front wheel rack and the rear wheel rack are movable relative to each other;

10 a handle tube for moving the stroller pivotally coupled with a connection element between two ends thereof to serve as an armrest of the stroller, the armrest having one end pivotally coupled with the front wheel rack and the rear wheel rack, the handle tube being latchable on the coupling dock to form a releasable interlocking condition among the rear wheel rack, the armrest and the handle tube; and

15 a second linkage assembly coupling with the handle tube and the first linkage assembly to drive the first linkage assembly when a lower end of the handle tube is moved to move the front wheel rack and the rear wheel rack close to each other in the middle for folding or extend the front wheel rack and the rear wheel rack.

20 2. The stroller frame structure of claim 1 further having a release mechanism which includes an actuation member, a linkage member, an elastic element and a latch element, the linkage member bridging the actuating member and the latch element, the latch element being latched on the coupling dock through the elastic element to allow the entire frame structure to form the interlocking condition, the latch element being movable away from the coupling dock through the linkage member driven by the actuation member to collapse the frame structure in a folding condition.

25 3. The stroller frame structure of claim 2, wherein the linkage member is a steel bar.

4. The stroller frame structure of claim 2, wherein the linkage member is a flexible wire.

5. The stroller frame structure of claim 2, wherein the actuation member is replaced by a remote controller on the handle tube to drive the linkage member to control latching and releasing of the latch element and the coupling dock.

5 6. The stroller frame structure of claim 1, wherein the first linkage assembly includes a front seat rack bar and a rear seat rack bar that are pivotally coupled with each other, the front seat rack bar being pivotally coupled with the front wheel rack, the rear seat rack bar being pivotally coupled with the rear wheel rack, the front seat rack bar and the rear seat rack bar forming a straight line when extended, and forming V-shape
10 when driven by the second linkage assembly and folded to each other.

7. The stroller frame structure of claim 6, wherein the front seat rack bar and the rear seat rack bar have respectively one end pivotally coupled with a pivot coupler.

8. The stroller frame structure of claim 1, wherein the second linkage assembly includes a pair of rotary members and a pair of driving members, the rotary members being pivotally coupled with the rear wheel rack and have two ends coupled with the armrest and the driving members, the driving members bridging the first linkage assembly and the rotary member, the rotary members being turnable to drive the first linkage assembly downwards for folding.

15 9. The stroller frame structure of claim 8, wherein the driving member has one end coupling with the pivotal coupler.

20 10. The stroller frame structure of claim 8, wherein the driving member has another end coupling with the front seat rack bar or the rear seat rack bar.